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**Allen, Dyer, Doppelt,  
Milbrath & Gilchrist, P.A.**

----- INTELLECTUAL PROPERTY ATTORNEYS -----

255 South Orange Avenue • Suite 1401 • Orlando, FL 32801  
Mail to: P. O. Box 3791 • Orlando, FL 32802-3791  
tel: 407-841-2330 • fax: 407-841-2343  
cregan@addmg.com

**OFFICIAL**

**FACSIMILE COVER SHEET**

**TO:** Examiner Long PHAM; USPTO – Art Unit 2814

**CLIENT NAME/NUMBER:** 62602

**TELEPHONE:** 1-571-272-1714

**FAX NO:** 1-703-872-9306

**FROM:** Christopher F. Regan, Esq.

**DATE:** August 3, 2004

**NUMBER OF PAGES (INCLUDING COVER SHEET):** 3

**COMMENTS/INSTRUCTIONS:**

Please see attached Response to Election Requirement in reply to the Examiner's Election Requirement of July 7, 2004 for U.S. patent application serial no. 10/647,062.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
MEARS ET AL.

) Examiner: L. PHAM

Serial No. 10/647,069

) Art Unit: 2814

Filing Date: AUGUST 22, 2003

) Attorney Docket No. 62602

For: SEMICONDUCTOR DEVICE INCLUDING  
MOSFET HAVING BAND-ENGINEERED  
SUPERLATTICE

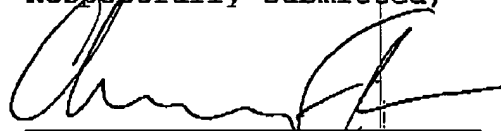
RESPONSE TO ELECTION REQUIREMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the election requirement of July 7, 2004, Applicants elect specie I as disclosed in Claims 1-20, 35-45 and 53-71 for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Independent Claim 1 is generic to all of the claims. If prosecution on the merits can be advanced through a telephonic interview, the Examiner is encouraged to contact the undersigned attorney at the number listed below.

Respectfully submitted,



CHRISTOPHER F. REGAN

Reg. No. 34,906

Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.

255 S. Orange Ave., Suite 1401

P. O. Box 3791

Orlando, Florida 32802-3791

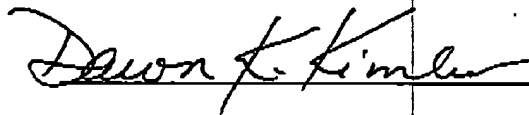
(407) 841-2330

Attorney for Applicants

In re Patent Application of:  
**MEARS ET AL.**  
Serial No. 10/647,069  
Filed: AUGUST 22, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY that the foregoing correspondence has been forwarded via facsimile number 703-872-9306 to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 this 3<sup>rd</sup> day of August, 2004.

  
Dawn K. Kimler